

OIKE

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/852,797

DATE: 05/31/2001

TIME: 15:16:17

Input Set : A:\PZ003p2seqlist05112001.txt

Output Set: C:\CRF3\05312001\I852797.raw

2 <110> APPLICANT: Rosen et al.  
 4 <120> TITLE OF INVENTION: 28 Human Secreted Proteins  
 6 <130> FILE REFERENCE: PZ003P2  
 C--> 8 <140> CURRENT APPLICATION NUMBER: US/09/852,797

9 <141> CURRENT FILING DATE: 2001-05-11  
 11 <150> PRIOR APPLICATION NUMBER: 60/265,583  
 12 <151> PRIOR FILING DATE: 2001-02-02  
 14 <150> PRIOR APPLICATION NUMBER: 09/152,060  
 15 <151> PRIOR FILING DATE: 1998-09-11  
 17 <150> PRIOR APPLICATION NUMBER: PCT/US98/04858  
 18 <151> PRIOR FILING DATE: 1998-03-12  
 20 <150> PRIOR APPLICATION NUMBER: 60/040,762  
 21 <151> PRIOR FILING DATE: 1997-03-14  
 23 <150> PRIOR APPLICATION NUMBER: 60/040,710  
 24 <151> PRIOR FILING DATE: 1997-03-14  
 26 <150> PRIOR APPLICATION NUMBER: 60/050,934  
 27 <151> PRIOR FILING DATE: 1997-05-30  
 29 <150> PRIOR APPLICATION NUMBER: 60/048,100  
 30 <151> PRIOR FILING DATE: 1997-05-30  
 32 <150> PRIOR APPLICATION NUMBER: 60/048,357  
 33 <151> PRIOR FILING DATE: 1997-05-30  
 35 <150> PRIOR APPLICATION NUMBER: 60/048,189  
 36 <151> PRIOR FILING DATE: 1997-05-30  
 38 <150> PRIOR APPLICATION NUMBER: 60/057,765  
 39 <151> PRIOR FILING DATE: 1997-09-05  
 41 <150> PRIOR APPLICATION NUMBER: 60/048,970  
 42 <151> PRIOR FILING DATE: 1997-06-06  
 44 <150> PRIOR APPLICATION NUMBER: 60/068,368  
 45 <151> PRIOR FILING DATE: 1997-12-19  
 48 <160> NUMBER OF SEQ ID NOS: 118  
 50 <170> SOFTWARE: PatentIn Ver. 2.0  
 53 <210> SEQ ID NO: 1  
 54 <211> LENGTH: 733  
 55 <212> TYPE: DNA  
 56 <213> ORGANISM: Homo sapiens  
 58 <400> SEQUENCE: 1

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60 aattcgaggg tgcaccgtca gtcttctctt tccccccaaa acccaaggac accctcatga	120
61 tctccccgac tcttgaggtc acatgcgttg tgggtggacgt aagccacgaa gaccctgagg	180
62 tcaagttcaa ctggtacgtg gacggcgttg aggtgcataa tgccaagaca aagccgcggg	240
63 aggagcagta caacagcacg taccgtgttg tcagcgtcct caccgtcctg caccaggact	300
64 ggctgaatgg caaggagtag aagtgaagg tctccaacaa agccctccca acccccatcg	360
65 agaaaaccat ctccaaagcc aaagggcagc cccgagaacc acaggtgtac accctgcccc	420
66 catccccgga tgagctgacc aagaaccagg tcagcctgac ctgcctggtc aaaggcttct	480
67 atccaagcga catgcgccgtg gagtgggaga gcaatgggca gccggagAAC aactacaaga	540
68 ccacgcctcc cgtgctggac tccgacggct ccttcttctt ctacagcaag ctaccctggtg	600
69 acaagagcag gtggcagcag gggaacgtct tctcatgctc cgtgatgcat gaggtctctgc	660

ENTERED  
 see p.5

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77 <213> ORGANISM: Homo sapiens
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80 <221> NAME/KEY: Site
81 <222> LOCATION: (3)
82 <223> OTHER INFORMATION: Xaa equals any of the twenty naturally occurring L-amino acids
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86      1              5
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95 cccgaaatat ctgccatctc aattag                                          86
98 <210> SEQ ID NO: 4
99 <211> LENGTH: 27
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114 aaatatctgc catctcaatt agtcagcaac catagtcccc cccctaactc cgcccatccc      120
115 gcccctaact ccgcccagtt ccgcccattc tccgcccacat ggctgactaa ttttttttat      180
116 ttatgcagag gccgaggccg cctcggcctc tgagctattc cagaagtagt gaggaggctt      240
117 ttttggaggc ctaggctttt gcaaaaagct t                                          271
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Input Set : A:\PZ003p2seqlist05112001.txt

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154 ccatctcaat tag 73
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158 <211> LENGTH: 256
159 <212> TYPE: DNA
160 <213> ORGANISM: Homo sapiens
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164 caattagtca gcaaccatag tcccggccct aactccgcc atcccggccc taactccgcc 120
165 cagttccgcc cattctccgc cccatggctg actaattttt tttatttatg cagaggccga 180
166 ggccgcctcg gcctctgagc tattccagaa gtagtgagga ggcttttttg gaggcctagg 240
167 cttttgcaaa aagctt 256
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171 <211> LENGTH: 2084
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173 <213> ORGANISM: Homo sapiens
175 <220> FEATURE:
176 <221> NAME/KEY: SITE
177 <222> LOCATION: (839) /
178 <223> OTHER INFORMATION: n equals a,t,g, or c
180 <400> SEQUENCE: 11
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182 gtgtcctcac ctctcaccct ctcttccctg ggaggccctg ggaggtgatc attgacaccc 120
183 agccaagcag acagctgcgg gtgcccgaagc ccttgctggg cctgcgcgtg aggagtccca 180
184 ctgcttctaa aggaagtcct gggcaggagg tggcttttgt ggttggttcc aaagttgaaa 240
185 atgcttgacg tttgacctta gaagaagtgg gaagaagaag gagctctaca gggtcagctt 300
186 tgtttgattt gtccagtcta agaagtccca ttgcccgaagc tttctgcagg aggggtgaatg 360
187 ccgcagcttg gcagcccctg ggtttctctt ggaaatggtc agtttcccct caaagtaccc 420
188 aaagtagcct tggcttgagt ttttgctctt gcctcctttt tagagaagag ggcatttaga 480
189 ctgcattttc ctggttaaaag aagggttaaag caaatgttta ttgccttttc tagtgaacta 540
190 actcgtagag atgttctcag caggaagaca gtcttagcac tgtcacttag cagattgcac 600
191 ttaagtcctt tgtgctggcc agatggcgtg gctggttgcc ttaatatgtc ccaggacccc 660
192 tgacagggct gcctggcctc tccctcgtgc tectcaagag cccagtccat acactgtgga 720
193 tgtcattgct gtcgggttag gaagctctgt cctagaacgc cctggctggt atgaccacag 780
W--> 194 ttcatggcgg ctcttctcgc ttgggtcactg gtcactcttc agcacctgct gtgctgggna 840
195 aggccgagga tgggggcccga gcaactgtcca ggctgctgg ggctggctg ggagtcctgt 900
196 gggcagcatg gaacatgcag ctgggcttcc tgtgaccagg caccctctgg cactgttgct 960
197 tgcctgtgct cctggacctt ttctgcccct tctcttccct ctgctccctt ggggctaccc 1020
198 cttggccccc cctggtctgt gcaaacctcc tcaggagacc cccctgccct gtagctctcr 1080

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199 cttaaacttcc taggggctgc tgagcccacc cagaggttgt tggagttcag cggggcagct 1140
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201 ctcaatccct gaccgttcca ggactgagc tgggcaccca cggaaggaca tgctgtccag 1260
202 actgtgatga ctgccagcac agggcatctc gggcttggct ggtctgcgag gccttgcccc 1320
203 tgtggaactc tgggttccgt ttttctcagt cttttttgct gctttgctgt ggttggcagc 1380
204 tgccgtactc caggcttggt tcggccactc agatgagggc tgtggtgcga gccagtgcag 1440
205 gagagctgcg cttgggattg tgccctctcc tgtgtctgtc ctccggacct acccagggtct 1500
206 ccaccatcag gaccctgtct ttgggtttag aagaccaagt atggggaaaa ccaggcacca 1560
207 ccctctgcag caatgggtcc ctctagcctg tggacaccag ctgggggatc cagggtcagg 1620
208 cccctcctc tccccagttt ccctctgctg tgggttctgg gctgtcatgt ctccaccact 1680
209 taaggatgtc tttaactga cttcaggata gatgtggga tgctgggca tggccacatg 1740
210 ttacatgtac agaactttgt ctacagcaca aattaagtta tataaacaca gtgactggta 1800
211 tttaatgctg atctactata aggtattcta ttttatatg acttcagaga cgcgtatgta 1860
212 ataaaggacg ccctccctcc agtgtccaca tccagttcac cccagagggt cgggcagggt 1920
213 gacatattta tttttgtcta ttctgtaggc ttccatgtcc agaatcctgc ttaaggtttt 1980
214 agggtagctt cagtactttt tgcaataaaa gtatttcta tccaaaaaaa aaaaaaaaaa 2040
215 actcgagggg gggcccggta cccaattcgc ccctataaag agtc 2084
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219 <211> LENGTH: 1586
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221 <213> ORGANISM: Homo sapiens
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225 actgcagcgg gatggaccag tactgcatcc tgggcgcgat cggggagggc gcccamggca 120
226 togtcttcaa ggccaagcac gtggagactg gcgagatagt tgccctcaag aaggtggccc 180
227 taaggcgggt ggaagacggc ttccctaacc aggccctgcg ggagattaag gctctgcagg 240
228 aratggagga caatcagtat gtggtacaac tgaaggctgt gttcccacac ggtggaggct 300
229 ttgtgctggc ctttgagttc atgtgtcgg atctggccga ggtggtgcgc catgccaga 360
230 ggccactagc ccaggcacag gtcaagagct acctgcagat gctgtcaag ggtgtgcct 420
231 tctgccatgc caacaacatt gtacatcggg acctgaaacc tgccaacctg ctcatcagcg 480
232 cctcaggcca gctcaagata gcggactttg gcctggctcg agtcttttcc ccagacggca 540
233 gccgcctcta cacacaccag gtggccacca ggagctcact gagctgccg actacaacaa 600
234 gatctccttt aaggagcagg tgcccatgcc cctggaggak gtgtgcctg acgtctctcc 660
235 ccaggcattg gatctgctgg gtcaattcct tctctaccct cctcaccagc gcctgcagc 720
236 ttccaaggct ctctccatc agtacttctt cacagctccc ctgcctgcc atccatctga 780
237 gctgccgatt cctcagcgtc tagggggacc tgcccccagg gccatccag ggcccccca 840
238 catccatgac ttccacgtgg accggcctct tgaggartcg ctggtgaacc cararctgat 900
239 tcggcccttc atcctggarg ggtgagaagt tggccctggt cccgtctgcc tgctcctcag 960
240 gaccactcag tccacctgtt cctctgccac ctgcctggt tcacctcca aggcctcccc 1020
241 atggccacag tgggcccaca ccacaccctg ccccttagcc cttgcgaagg ttggtctcga 1080
242 rgcagargtc atgttcccag ccaagagtat gagaacatcc agtcgagcag aggagattca 1140
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244 aagtgagggg gacagaagtc tagscccagg gatggctcca gttggggatc cagcaggaga 1260
245 ccctctgcac atgaggctgg tttmccaaca tctactccct caggatgagc gtgagccaga 1320
246 agcagctgtg tatttaagga aacaagcgtt cctggaatta attataaat ttaataaatc 1380
247 ccaatataat cccagctagt gcttttccct tattataatt tgataagggtg attataaaaag 1440
248 atacatggaa ggaaaggtaa ccagatgcag aagaggaaat gatggaagga cttatgggtat 1500
249 cagataccaa tatttaaaaag tttgtataat aataaagagt atgattgtgg ttcaaggata 1560
250 aaaaaaaaaa aaaaaaaaaa actcga 1586

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Input Set : A:\PZ003p2seqlist05112001.txt

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255 <212> TYPE: DNA
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260 tctttactac ttcattctcac ccaagtcccg ttcccaggca gccagggcct gggtttgaat      120
261 aattgcaggg cagcctgccca tgatctttct cacttactcc tctcccatc agcaatcaac      180
262 cagactaagg agttttgatc cctagtgatt acagccctga agaaaattaa atctgaatta      240
263 attttacatg gccttcgtga tctttctgct gttcttactt tttcgaatgt agttgggggg      300
264 tgggaggggac aggttatggt atttaaagag aataaacatt ttgcacatac atgtattgta      360
265 caacagtaag atcctctgtt aaaaccagct gtcctgttct ccctctccat ttcttcccat      420
266 gctgtaaccc caggctccac cagctgttcc ccagtgatgt tacctagctt ccctctaccg      480
267 ttgtctactg accatttcca ctacatgcct ttcctacctt cccttcacaa ccaatcaagt      540
268 gaatacttga ttattatctc ttccttactg tgctttatct tttttgttg gattggttct      600
269 aattaatgaa aataaaaagtt tctaaattta cttttttata gggatttgta aataaaaaa      660
270 aatgtatact taaaaaaaaa aaaaaaaaaa      689
273 <210> SEQ ID NO: 14
274 <211> LENGTH: 1348
275 <212> TYPE: DNA
276 <213> ORGANISM: Homo sapiens
278 <220> FEATURE:
279 <221> NAME/KEY: SITE
280 <222> LOCATION: (45)
281 <223> OTHER INFORMATION: n equals a,t,g, or c
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286 taagagctgt ggtgagacct tcaactccat caccaagagg aggcattact gcaagctgtg      180
287 tggggcggtc atctgtggga agtgctccga gttcaaggcc gagaacagcc ggcagagcct      240
288 gtctgcagag attgtttcct gacacagcca gtggccctg agagcacaga gaagacaccc      300
289 actgcagacc cccagcccag cctgctctgc ggccccctgc ggctgtyaga gagcggtgag      360
290 acctggagcg aggtgtgggc cgccatcccc atgtcagatc cccagggtgct gcacctgcag      420
291 gkaggcagcc aggcaggccg gctgccccgc accatccctc tccccagctg caaactgagt      480
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293 cagtccctgt acctgagcgc ctccctccga gagctgcagc agcagtggct ggaaacccta      600
294 agcactgctg cccatgggga cagggccag gacagcccgg gggccctgca gcttcaggtc      660
295 cctatgggcg cagtgtccg tgagctgagt ctcccactgc cctgcacacc accacattgg      720
296 acctgtgctg tccctgggag tgggtgttga ggccccatga agagcgccct ggacttgctt      780
297 gaggggtggc caacagccca gagytcagga catttgctt tggggggaag gaaaytgagg      840
298 cccagagagg ggcaaccayt ggccaagggt caccagcaa gttttggyta agagcctggc      900
299 ctccagcccc agcagtkttg cccagagcag gggccgaytg ccaaagtaac catcatccat      960
300 atgggcccgt tgggtgatgct ggcccgaag gcagaaagag gcagcatggg cactgccagg      1020
301 gacagccaca tcctgtggt ctgcagcgtg gtccaccccg cctctgccca gcctgtctac      1080
302 accgtgtgag ctgaatcgtg acttgcttcc cacctccttt ctctgtcctc tcctgaggtt      1140
303 ctgcctgcag cccccaggag gtgggcctgc cccatcctag ctggactcat ggttcctaaa      1200
304 taaccacgct cagaagctct gctaggactt accccagcca ctgagtggca ggcgcatgag      1260
305 atttgtggct gttcctgatg ctagtggcac acagtgttta tctgcataaa taaacactgg      1320
306 scaccaaaaa aaaaaaaaaa aaaaaaac      1348

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**Please Note:**

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

F.Y.I.

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Input Set : A:\PZ003p2seqlist05112001.txt

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L:8 M:270 C: Current Application Number differs, Replaced Current Application Number

L:85 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2  
L:194 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11  
L:284 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14  
L:397 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:18  
L:446 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:19  
L:495 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:20  
L:496 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:20  
L:585 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:22  
L:586 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:22  
L:676 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:25  
L:686 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:25  
L:720 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:26  
L:729 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:26  
L:730 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:26  
L:762 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:27  
L:815 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:28  
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L:1139 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:38  
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Input Set : A:\PZ003p2seqlist05112001.txt

Output Set: C:\CRF3\05312001\I852797.raw

L:2865 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:77  
L:3105 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:85  
L:3108 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:85  
L:3209 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:89  
L:3224 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:89  
L:3242 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:90  
L:3423 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:95  
L:3826 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:104  
L:3853 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:104  
L:3859 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:104  
L:3874 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:104  
L:3924 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:106  
L:3930 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:106  
L:3933 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:106  
L:3957 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:107  
L:4183 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:118  
L:4189 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:118  
L:4192 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:118  
L:4213 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:118